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Part Number: [0458021211](#)
Status: **Active**
Overview: [HD Mezz Mezzanine Connector System](#)
Description: 1.20mm by 2.00mm Pitch HD Mezz™ Receptacle, 143 Circuits, 18.00mm Unmated Height, 11 Rows, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-45802-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

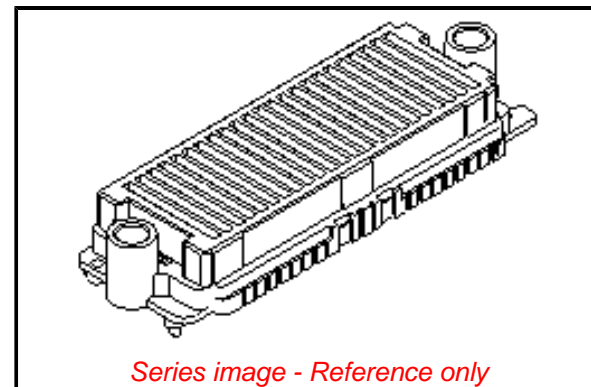
CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [45802](#)
 Application Board-to-Board, Signal
 Comments 1.20mm Pitch Pin-to-Pin and 2.00mm Pitch Row-to-Row
 Overview [HD Mezz Mezzanine Connector System](#)
 Product Name HD Mezz™
 UPC 822350629713

Physical

Circuits (Loaded) 143
 Circuits (maximum) 143
 Color - Resin Black
 Durability (mating cycles max) 100
 Flammability 94V-0
 Glow-Wire Compliant No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Metal High Performance Alloy (HPA)
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 15.463/g
 Number of Rows 11
 Orientation Vertical
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 2.00mm
 Pitch - Termination Interface 2.00mm
 Plating min - Mating 0.762µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Robotic Placement Vacuum Pick-Up Tape
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -55°C to +105°C
 Termination Interface: Style Surface Mount
 Unmated Height 18.00mm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[45802](#) Series

Mates With

[45830](#) HD Mezz™ Plug

Electrical

Current - Maximum per Contact	2.0A
Grounding to PCB	No
Voltage - Maximum	250V AC

Solder Process Data

Duration at Max. Process Temperature (seconds)	020
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Product Specification	PS-45802-001-001
Sales Drawing	RSD-45802-0001, SD-45802-0001, SD-45802-0002

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